

APRIL 2026

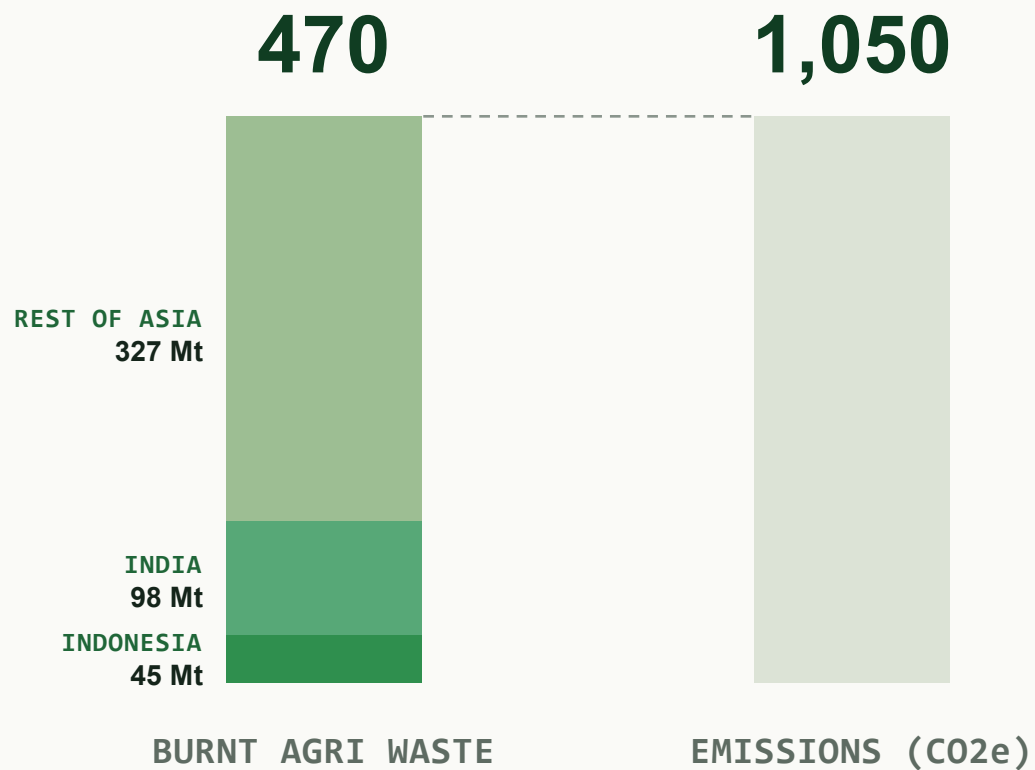
WasteX

Distributed biochar infrastructure for emerging markets

Validated and repeatable industrial platform that turns agricultural waste into high-value biochar with attractive financial and carbon removal economics

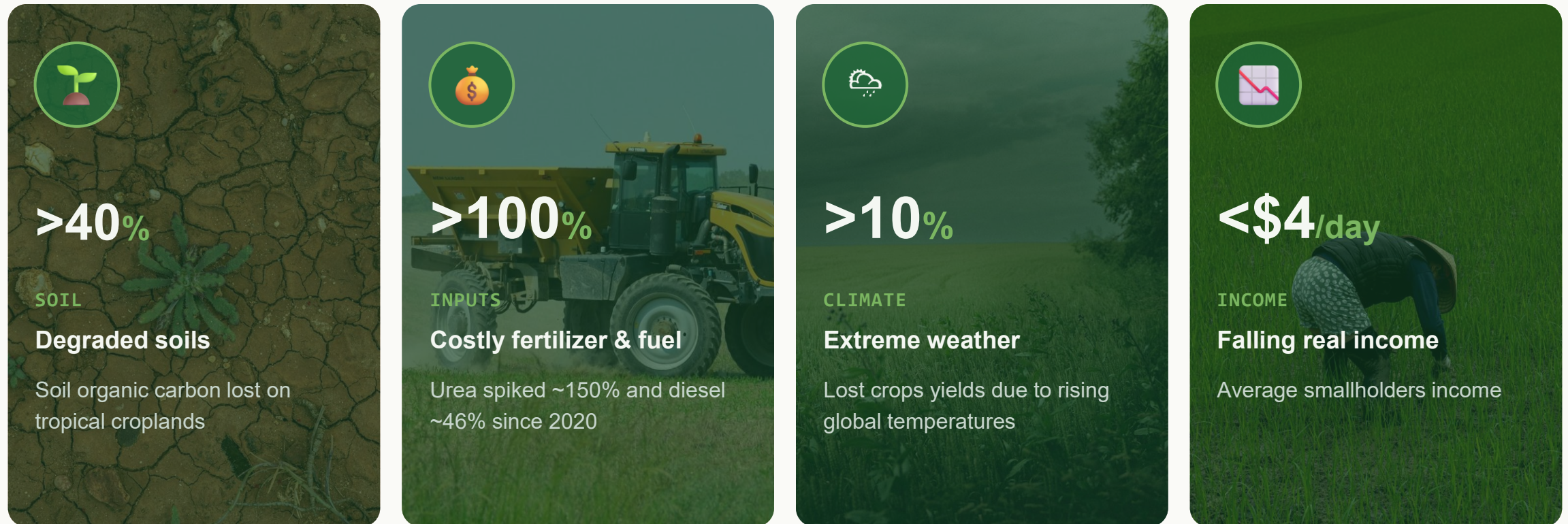
Agri waste burning in Asia emits >1 billion tons CO₂e annually...

Millions tons annually



...while smallholders are squeezed from every side – degraded soils, higher costs, lower yields and income

Estimates and research



Biochar turns agri waste problem into carbon removal, yields improvement and income generation

Impact per 1 ton of biochar, mix of estimates and measurements



CARBON MITIGATION

>4 t CO₂e

Total carbon mitigation (per 1 t biochar)

- Biochar carbon removal and storage
- Methane avoidance from biomass burning
- Carbon sequestration in soil
- CO₂e avoidance from fertilizer reduction



AGRICULTURAL IMPACT

+41%

Average crops yields increase

-25-50%

Fertilizer reduction (made possible)



FARMER INCOME

>\$800

Extra income (per 1 t biochar)

>2 tons

Extra crops production (per 1 t biochar)

No one else delivers on both technology, and scalable production network in Indonesia

GAP 1 • AFFORDABLE TECH

High-tech, full-stack tech at an affordable price point



Artisan kilns



WasteX

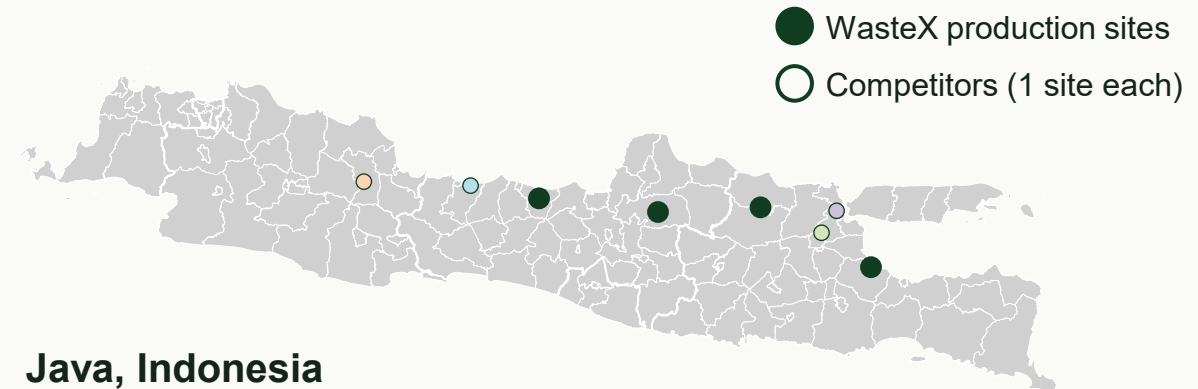
Affordable, mobile, scalable, certified



German tech

GAP 2 • PRODUCTION

Scalable, profitable, decentralized production in ID



Indonesia is one of the most asymmetric markets in the world to capture the biochar opportunity

Estimates and research

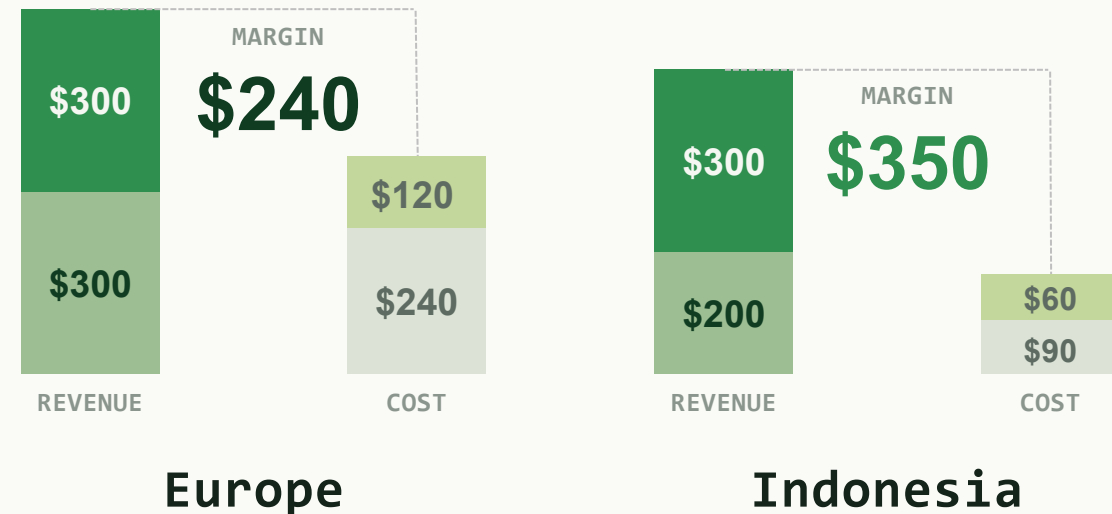
WHY HERE AND NOW

-  **\$180 billion agriculture GDP**
-  **~30 million farmers** (~28% workforce)
– fragmented and priced out of fertilizer
-  **~200 million tons agri waste** produced every year, >20% lost to open burning
-  **2-3x lower production costs** vs. Europe
(including feedstock, labour etc.)

KEY INPUT-OUTPUT ECONOMICS

USD per ton biochar, estimates

■ Biochar sales ■ Carbon credits ■ Feedstock ■ Labour



WasteX is the only player that has both full-stack proprietary tech and growing infrastructure

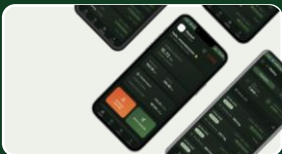
We don't sell a machine or run a project – we own both ends of the value chain, and we're already delivering on each.

A · HIGH-TECH, FULL-STACK BIOCHAR SOLUTION

Globally unique



Top price-performance (mid-scale tech)
Proprietary IP (patent pending)



Integrated dMRV (for carbon credits generation)



Fully certified (to generate credits from day 1)



Implementation
Agronomy support

B · DECENTRALIZED FACILITIES NETWORK

The only one in Indonesia

Growing network of own facilities



The **only carbon credits generating operations** in Indonesia



Operational excellence
(and proven deployment playbook)



Local biomass sourcing
and biochar distribution

